

# STIC Search Report Biotech-Chem Library

### STIC Database Tracking Number: 145994

TO: Ruixiang Li

Location: rem/4d75/4c70

Art Unit: 1646

Monday, February 28, 2005

Case Serial Number: 09/924125

From: Edward Hart

**Location: Biotech-Chem Library** 

**REM-1A55** 

Phone: 571-272-2512

edward.hart@uspto.gov

#### Search Notes

Examiner Li,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

**Edward Hart** 



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#### STIC-Biotech/ChemLib

From:

Sent:

To:

Subject:

Li, Ruixiang Wednesday, February 23, 2005 4:23 PM STIC-Biotech/ChemLib Sequence search of Application No.09/924,125

Please do a standard search on:

SEQ ID NO: 2 against interferenc amino acid databases.

Thank you very much!

Ruixiang Li GAU 1646 **REM 4D75** Mail Box 4C70 (571) 272-0875

\*\*\*\*\*\*\*\* STAFF USE ONLY Searcher:\_\_\_\_ Searcher Phone: 2-Date Searcher Picked up; Date Completed:
Searcher Prep/Rev Firm Online Time:

Type of Search
NA Sequence: #
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Structure: #
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US-09-745-842-6
US-09-745-842-4
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US-09-520-781-2
; Sequence 2, Application US/09520781
; Patent No. 6689866
; Patent No. 6689866
; GENERAL INFORMATION:
; TITLE OF INVENTION:
; TITLE OF INVENTION: NOVEL POLYNUCLECTIDES AND PROTEINS ENCODED THEI
; FILE REFERENCE: 15966-540 No. 6689866e1 Polynucleotides
; CURRENT APPLICATION NUMBER: US/09/520,781
; CURRENT FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patentin Ver. 2.0
 Sequence
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US-09-929-5838-4
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APPLICANT: HALSEY, WENDY
APPLICANT: MUIR, ALISON
APPLICANT: CHAMBERS, JON
APPLICANT: SZEKERES, PHILIP
TITLE OF INVENTION: METHODS OF SCREENING FOR AGONISTS
TITLE OF INVENTION: AND ANTAGONISTS OF THE HNEAA81 RECEPTOR
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); Mismatches 1
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/221,456
FILING DATE: 28-DEC-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/956,975
FILING DATE: 23-OCT-1997
ATTORNEY/AGENT INFORMATION:

NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GH-70318-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
   US-09-221-456-2; Sequence 2, Application US/09221456; Patent No. 6162899; GENERAL INFORMATION:
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STREET: P.O. Box 980
CITY: Valley Forge
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Best Local Similarity 99.7%;
Matches 332; Conservative
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SEQUENCE CHARACTERISTICS
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CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
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US-08-812-871-1
; Sequence 1, Application US/08812871
; Patent No. 5955303
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice
; APPLICANT: Guegler, Karl
; APPLICANT: Muzong Cheng
; TITLE OF INVENTION: NOVEL HUMAN CHEMOKINE RECEPTOR-LIKE
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         333
                                                    RESULT 3
US-09-558-740-2
; Sequence 2, Application US/09558740
; Patent No. 6358695
; GENERAL INFORMATION:
; APPLICANT: SATHE, GANESH
; APPLICANT: HALSEY, WENDY
; APPLICANT: MUIR, ALISON
; APPLICANT: MUIR, ALISON
; APPLICANT: MUIR, ALISON
; APPLICANT: SZEKERES, PHILIP
; TITLE OF INVENTION: METHODS OF SCREENING FOR AGONISTS AND
; TITLE OF INVENTION: ANTAGONISTS OF THE HNEAA81 RECEPTOR
; TITLE OF INVENTION: ANTAGONISTS OF THE HNEAA81 RECEPTOR
; FILE REFERENCE: GH-70318-2
; CURRENT FILING DATE: 1900-04-26
; PRIOR APPLICATION NUMBER: 09/221,456
; PRIOR APPLICATION NUMBER: 09/221,456
; PRIOR FILING DATE: 1998-12-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO S: 2
; FAMORY 233
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Pred. No. 8.5e-134
; Mismatches 1
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US-08-467-948A-6
                                                                                                                COUNTRY:
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                                                                                             CITY:
STATE:
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                                                                               OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/812,871
FILING DATE: Filed Herewith
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Pred. No. 1
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                                                                                                                         FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0237 US
TELECOMMUNICATION INFORMATION:
TELEFAX: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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US-08-467-948A-6
; Sequence 6, Application US/08467948A
; Patent No. 5998164
; GENERAL INFORMATION:
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                                              ZIF: JIJO COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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Best Local Similarity 98.5%;
Matches 328; Conservative
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            CITY: Pa
STATE: C
COUNTRY:
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APPLICANT:
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600
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APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04079

FILING DATE: 30-MAR-1995

ATTORNEY/AGENT INFORMATION:

NAME: STEFFE, ERIC K.

REGISTRATION NUMBER: 36,688

REFERENCE/DOCKET NUMBER: 1488.1140003/EKS/KLM

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 1098.5; DB 2;
Pred. No. 1.5e-82;
1; Mismatches 43;
APPLICANT: BULT, CAROL J.
APPLICANT: SUTTON III, GRANGER G.
APPLICANT: ROSEN, CRAIG A.
TITLE OF INVENTION: Polynucleotides Encoding
TITLE OF INVENTION: Coupled Receptor GPR2
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION
CURRENT APPLICATION DATA:
                                                                                                                                         GOLDSTEIN
NW, SUITE
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/467,948A
FILING DATE: 06-JUN-1995
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US-08-467-947A-6
; Sequence 6, Application US/08467947A
; Patent No. 6090575
                                                                                                                                       SEE: STERNE, KESSLER, 1100 NEW YORK AVE., WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            14;
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MEDIUM TYPE: FLOPPY DISK
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Best Local Similarity 76.8%;
Matches 225; Conservative
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202-371-2540
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APPLICANT: LI, YI
APPLICANT: CAO, LIANG
APPLICANT: NI, JIAN
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                                                       G-Protein
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                                                   TITLE OF INVENTION: Polynucleotides Encoding Human
TITLE OF INVENTION: Coupled Receptor GPR1
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.I
STREET: 1100 NEW YORK AVE., NW, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 63.5%; Score 1098.5; DB 3; Best Local Similarity 76.8%; Pred. No. 1.5e-82; Matches 225; Conservative 14; Mismatches 43;
                                                                                                                                                                                                                                                    #1.30
                                                                                                                                                                                                                                                                                                                                                                            NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1140002/EKS/KLM
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,947A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04079
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US95/04079
FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
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GENTZ, REINER
BULT, CAROL J.
SUTTON III, GRANGER G
ROSEN, CRAIG A.
                                                                                                                                                                               ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATI
                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 293 amino acids
TYPE: amino acid
TOPOLOGY: linear
DLECULE TYPE: protein
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                                                                                                                                       WASHINGTON
                                                                                                                                                                     USA
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-08-467-947A-6
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Sequence 2, Application US/08852824C
Patent No. 6060272
GENERAL INFORMATION:
APPLICANT: Li et al.
TITLE OF INVENTION: Human G-Protein Coupled Receptors

-08-852-824-2

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Pred. No. 2.1e-60;
; Mismatches 102;
                                                                                                                                                                Score 829; DB 3; I
Pred. No. 2.1e-60;
7; Mismatches 102;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

APPLICANT: Conley, Pamela B.
APPLICANT: Jantzen, Hans-Michael
APPLICANT: Jantzen, Hans-Michael
APPLICANT: Julius, David
APPLICANT: Julius, David
APPLICANT: Hollopeter, Gunter
APPLICANT: Hollopeter, Gunter
APPLICANT: COR Therapeutics, Inc.
TITLE OF INVENTION: P2Y12 Receptor
FILE REFERENCE: 44481-5053-US
CURRENT APPLICATION NUMBER: US/09/745,842
CURRENT FILING DATE: 2000-12-26
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
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                852,824C
FILE REFERENCE: 1488.1220000

CURRENT APPLICATION NUMBER: US/08/85;

CURRENT FILING DATE: 1997-05-04;

NUMBER OF SEQ ID NOS: 18;

SOFTWARE: Patentin Ver. 2.0;

SEQ ID NO 2;

LENGTH: 342;
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Patent No. 6762029
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ilarity 49.1%;
Conservative 5
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155; Conser
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155; Conser
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US-08-852-824-2
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Best Local S
Matches 155
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Human
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APPLICANT:
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                                                 KPVFAKTVSIFIWFFLFFISLPNMILSNKEATPSSVKKCASLKGPLGLKWHOM
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49.1%; Pred. No. 2.1e-60;
ative 57; Mismatches 102
                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/780,576
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/234,025
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                       APPLICANT: Civelli, Olivier
APPLICANT: No. 6790608hacker, Hans-Peter
APPLICANT: Wang, Zhiwei
APPLICANT: Reinscheid, Rainer
TITLE OF INVENTION: ADP-Glucose Receptor
FILE REFERENCE: P-UC 4530
                                                                                                                                                                                                                  1-09-780-576-2
Sequence 2, Application US/0978057
Patent No. 6790608
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NSATSLSQDNRKKEOD
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US-09-780-576-2
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Best Local S
Matches 155
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APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF FILE REFERENCE: CLO01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FaetSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   38 CTRDYKITQVLFPLLYTVLFFVGLITNGLAMRIFFQIRSKSNFIIFLKNTVISDLLMILT
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Pred. No. 2.3e-60; ; Mismatches 102;
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APPLICANT: Hollopeter, Gunter
APPLICANT: COR Therapeutics, Inc.
TITLE OF INVENTION: P2Y12 Receptor
FILE REFERENCE: 44481-5053-US
CURRENT APPLICATION NUMBER: US/09/745,842
CURRENT FILING DATE: 2000-12-26
PRIOR APPLICATION NUMBER: US 60/171,622
NUMBER: US 60/171,622
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Sequence 8187, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
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Jantzen, Hans-Michael
Ramakrishnan-DuBridge,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-745-842-4; Sequence 4, Application US/09745842; Patent No. 6762029; GENERAL INFORMATION:
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Best Local Similarity 49.1
Matches 155; Conservative
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PRIOR FILING DATE: 1999-1
NUMBER OF SEQ ID NOS: 21
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Sequence 29, Application Patent No. 5998164
GENERAL INFORMATION:
APPLICANT: LI, YI
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STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                USA
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INFORMATION FOR SEQUENCE CHARAC
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                                                                                                                                      RESULT 13
US-08-467-948A-29
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APPLICANT:
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1.4e-58;
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                                                                   Score 816; DB 4
Pred. No. 2.3e-5;
Mismatches
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APPLICANT: Jahtzen, Hans-Michael
APPLICANT: Julius, David
APPLICANT: Julius, David
APPLICANT: Hollopeter, Gunter
APPLICANT: COR Therapeutics, Inc.
TITLE OF INVENTION: P2Y12 Receptor
FILE REFERENCE! 44481-5053-US
CURRENT APPLICATION NUMBER: US/09/745,842
CURRENT FILING DATE: 2000-12-26
PRIOR APPLICATION NUMBER: US 60/171,622
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                Vanitha
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Patent No. 6762029
GENERAL INFORMATION:
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ilarity 47.2%;
Conservative 60
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il Similarity 50.7%;
150; Conservative
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SEQ ID NO 4
LENGTH: 315
TYPE: PRT
ORGANISM: Homo sapiens
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151; Conser
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Best Local
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Coupled Receptor GPR2
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Best Local Similarity 47.5%; Pred. No. 3.7e-56;
Matches 140; Conservative 54; Mismatches 101;
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06-JUN-1995
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30-MAR-1995
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                                                                                                                                                                                                                                                                 LI, YI
CAO, LIANG
NI, JIAN
GENTZ, REINER
TIT, CAROL J.
TII, GRANGER G
                                                                                                                                                                                                                                    29, Application US/08467948A
5. 5998164
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TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
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                                                                                                                    302 KFTEKLPCMOGRKTTASSOE
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APPLICATION NUMBER: PCT/US
FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,
REFERENCE/DOCKET NUMBER:
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not relevant
E: peptide
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APPLICATION NUMBER: US
FILING DATE: 06-JUN-13
CLASSIFICATION: 435
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CHARACTERISTICS
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FastSEQ for Windows Version
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Pred. No.
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Patent No. 6063596
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
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TELEPHONE: 650-855-0555
TELEPAX: 650-845-4166
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Lal, Preeti
Bandman, Olga
Hillman, Jennifer
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Palo Alto
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ilarity 47.5%;
Conservative 5
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OPERATING SYSTEM: DOS
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TITLE OF INVENTION: G I
TITLE OF INVENTION: WIT
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER
FILING DATE:
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COMPUTER READABLE
MEDIUM TYPE: Di
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APPLICANT:
APPLICANT:
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                                        CFAPFHF
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Coupled Receptor GPR1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,947A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1140002/EKS/KLM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FOX
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NW, SUITE
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FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                 Sequence 29, Application US/08467947A
Patent No. 6090575
                                                                                                                                                                                                                                                                                                                                                                                                  LI, YI
CAO, LIANG
NI, JIAN
GENTZ, REINER
BULT, CAROL J.
SUTTON III, GRANGER G
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ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

MEDIUM TYPE: FLOPPY DISK
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1100 NEW YORK AVE.,
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not relevant
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ADDRESSEE: STERNE, K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-371-3
INFORMATION FOR SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
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Matches 140; Conser
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Seguence 29, Ap
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updates/sec 333 ; Search time 134 Seconds (without alignments) 815.215 Million cell update Q . KTTASSQENHSSQTDNITL 19:04:26 model MNTTVMQGFNRSERCPRDTR.. **₹** using 2005, **ŮS-09-924-125-2** 26, search, BLOSUM62 Gapop 10.0 February protein score: table: OM protein Sequence: Scoring Run on:

residues segs, 328044528 S 0 Gapext 1385339 Searched

1385339 hits satisfying chosen parameters: of number Total

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Published Applications AA:\*

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| cgn2 6/ptodata/1/pubpaa/US06 NEW PUB.pep:\*
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No. is the number of results predicted by chance to have greater than or equal to the score of the result being proderived by analysis of the total score distribution. score gand is Pred

### SUMMARIES

	Appli	Appli	Appli	App	Appl	Appli	App,	Appli	Appl	Appl	Appl	Appl	Appli
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ID	6-60-SN	US-09-957-	US-10-2	US-10-2	US-10-3	US-10-3	US-10-781-	-691-60-SD	NS-09-8	.8-60-SD	US-10-2	US-10-39	US-10-4
DB	10	10	14	14	15	15	17	σ	10	10	14	14	15
y h Length DB	333	333	333	333	333	333	333	333	333	333	333	333	333
Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.7	99.7	99.7	99.7	99.7
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-10-417-820A-	US-10-343-650A-7	US-10-723-955-2	16 US-10-782-596-18		15 US-10-692-605-8	9 US-09-848-889-1		5 US-10-264-23	US-10-024-494-	US-09-8	US-09-82	US-09-780-57	0-60-SN	0 US-09-875-0	0 US-09-876-25	-09-745-84	4 US-10-22		4 US-10-272-983-3	4 US-10-393-807-3			0 9	6 US-10-782-59	US-10-741-601-31	_		9 US-09-964-008-3		D O	14 US-10-024-494-29
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## ALIGNMENTS

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APPLICANT: Communi, Didier
TITLE OF INVENTION:
TITLE OF INVENTION: HE NATURAL LIGAND FOR ORPHAN G PROTEIN COUPLED RECEPTOR GPR86 AN TITLE OF INVENTION: HE NATURAL LIGAND FOR ORPHAN G PROTEIN COUPLED RECEPTOR GPR86 AN TITLE OF INVENTION: WEBSR: US/09/924,125
CURRENT APPLICATION NUMBER: US/09/924,125
CURRENT APPLICATION NUMBER: US 09/924,125
PRIOR APPLICATION NUMBER: US 09/924,125
PRIOR APPLICATION NUMBER: US 09/924,125
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 2
LENGTH: 333
TYPE: PRT
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Pred. No. 7.9e-145;
Mismatches 0;
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Best Local Similarity 100.0%;
Matches 333; Conservative 0;
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US-09-924-125-2
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Sequence 2, Application US/0957187

Publication No. US20030054514A1

GENERAL INFORMATION:

APPLICANT: Shimkets, Richard A.

APPLICANT: LaRochelle, William

TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEI

CURRENT APPLICATION NUMBER: US/09/957,187

CURRENT APPLICATION NUMBER: 00/123,667

PRIOR FILING DATE: 1999-03-09

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-09-20

PRIOR FILING DATE: 2000-09-20

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-01-04

NUMBER OF SEQ ID NOS: 85
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                                      AVFFVCFAPFHFARVPYTHSQTNNKTDCRLQNQLFIAKETTLFLAATNICMDP
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Sequence 2, Application US/10243106
Publication No. US20030059857A1
GENERAL INFORMATION:
APPLICANT: Zhang, Fang L.
APPLICANT: Luo, Lin
TITLE OF INVENTION: G-Protein Coupled Receptor and Methods
FILE REFERENCE: CN01462P
CURRENT APPLICATION NUMBER: US/10/243,106
CURRENT FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 2
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Pred. No. 7.9e-145;
Mismatches 0;
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APPLICANT: LifeSpan Biosciences
APPLICANT: Burmer, Glenna C.
APPLICANT: Burmer, Glenna C.
APPLICANT: Roush, Christine L.
TITLE OF INVENTION: ANTIGENIC PEPTIDES AN FILE REFERENCE: 1920-4-4
CURRENT APPLICATION NUMBER: US/10/225,567
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/257,144
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 2292
SOFTWARE: Patentin version 3.1
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SOFTWARE: Patentin Ver.
SEQ ID NO 2
                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-243-106-2
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; ORGANISM: Homo
US-10-225-567A-514
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 Score 1731; DB 15
Pred. No. 7.9e-145
Mismatches 0;
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APPLICANT: Communi, Didier
APPLICANT: Suarez, Nathalie
APPLICANT: Suarez, Nathalie
APPLICANT: Brezillon, Stephane
APPLICANT: Brezillon, Stephane
APPLICANT: Barmentier, Marc
APPLICANT: Boeynaems, Jean-Marie
TITLE OF INVENTION: THE NATURAL LIGAND FOR OF
TITLE OF INVENTION: AND METHODS OF USE
FILE REFERENCE: 9049/2095
CURRENT FILING DATE: 2002-12-03
PRIOR FILING DATE: 2001-08-07
PRIOR FILING DATE: 2001-08-07
PRIOR FILING DATE: 2002-06
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.2
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Pred. No. 7
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Publication No. US20040005629A1
GENERAL INFORMATION:
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                 1 Similarity 333; Conser
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LENGTH: 333
TYPE: PRT
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APPLICANT: Millenmium Pharmaceuticals Inc.

APPLICANT: Millenmium Pharmaceuticals Inc.

APPLICANT: Meich, Madine S.

APPLICANT: Meich, Madine S.

APPLICANT: Meich, Madine S.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING

TITLE OF INVENTION: 1501-30.

TITLE OF INVENTION: 1501-34.

TITLE OF INVENTION: 1501-34.

TITLE OF INVENTION: 1502-34.

TITLE OF INVENTION: 1503-34.

TITLE OF INVENTION: 1503-34.

TITLE OF INVENTION: 1503-34.

TITLE OF INVENTION: 1502-3-4.

FILE REFERENCE: MPIO-2-0-9PIRNOMNIME: US 60/354,333

PRIOR PLILING DATE: 2002-0-3-6.

PRIOR PLILING DATE: 2002-0-6.

PRIOR PLILING DATE: 2002-0-7.

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R APPLICATION NUMBER: US 60
R FILING DATE: 2002-06-28
R PILING DATE: 2002-06-28
R PILING DATE: 2002-07-03
R PILING DATE: 2002-07-31
R FILING DATE: 2002-07-31
R APPLICATION NUMBER: US 60
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US-10-781-581-179
is Sequence 179, Application US/10781581
js Publication No. US20050019746A1
js Publication No. US20050019746A1
js GENERAL INFORMATION:
js APPLICANT: Birx Therapeutics Ltd.
js APPLICANT: Beery, Liam
js APPLICANT: Hayes, Ian
js APPLICANT: Murphy, Finbarr
js TITLE OF INVENTION: Apoptosis-Related Kinase/GPCRs
js FILE REFERENCE: 8912/2015
js CURRENT APPLICATION NUMBER: US/10/764,238
js PRIOR FILING DATE: 2004-01-23
js PRIOR FILING DATE: 2004-01-23
js PRIOR FILING DATE: 2003-01-23
js PRIOR FILING DATE: 2003-01-23
js PRIOR FILING DATE: 2003-01-23
js NUMBER OF SEQ ID NOS: 226
js SOFTWARE: PatentIn version 3.2
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Pred. No. 7.9
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Best Local Similarity 100.0%;
Matches 333; Conservative (
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US-10-781-581-179
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ENGTH: 333
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RESULT 8 US-09-769-159

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Pred. No. 2.7e-144
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Sequence 2, Application US/09769159
Patent No. US20010021509A1
GENERAL INFORMATION:
APPLICANT: SATHE, GANESH M.
APPLICANT: CHAMBERS, JON
APPLICANT: CHAMBERS, JON
TITLE OF INVENTION: METHODS OF SCREENING FO
TITLE OF INVENTION: METHODS OF SCREENING FO
TITLE OF INVENTION: ANTAGONISTS OF THE HNEA
FILE REFERENCE: GH-70318-D3
CURRENT APPLICATION NUMBER: US/09/769,159
CURRENT FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 09/221,456
PRIOR APPLICATION NUMBER: 09/221,456
PRIOR APPLICATION NUMBER: 09/558,740
PRIOR FILING DATE: 1998-12-28
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FASELSEQ for Windows Version 3.0
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GENERAL INFORMATION:
APPLICANT: Chen, Ruoping
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: Human Orphan G Protein C
FILE REFERENCE: AREN0050
CURRENT APPLICATION NUMBER: US/09/875,076
CURRENT FILING DATE: 2001-06-06
PRIOR FILING DATE: 1999-10-12
PRIOR FILING DATE: 1999-10-12
PRIOR FILING DATE: 1999-02-16
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nilarity 99.7%;
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; ORGANISM: HOMO SAPIENS
US-09-769-159-2
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Best Local Similarity
Matches 332; Conser
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Pred. No. 2.7e-144
); Mismatches 1
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PRIOR APPLICATION NUMBER: 60/121,851
PRIOR FILING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR PILING DATE: 1999-03-12
PRIOR PPLING DATE: 1999-03-12
PRIOR PELLING DATE: 1999-03-28
PRIOR PILING DATE: 1999-05-28
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-05-29
PRIOR PILING DATE: 1999-09-29
PRIOR PILING DATE: 1999-10-01
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Best Local Similarity 99.7%;
Matches 332; Conservative
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LENGTH: 333
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APPLICANT: Dang, Huong T.
APPLICANT: Chen, Ruoping
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: Non-Endogenous Constitively Activated Human G Protein Coupled Rec FILE REFERENCE: AREN-0054
CURRENT APPLICATION NUMBER: US/09/876,252
CURRENT FILING DATE: 2001-06-07
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 09/416,760
PRIOR FILING DATE: 1999-10-12
PRIOR APPLICATION NUMBER: 09/170,496
PRIOR FILING DATE: 1998-10-13
PRIOR FILING DATE: 1998-11-27
PRIOR FILING DATE: 1998-11-27
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-16
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R APPLICATION NUMBER: 60/110,060

R FILING DATE: 1998-11-27

R APPLICATION NUMBER: 60/120,416

R APPLICATION NUMBER: 60/121,852

R APPLICATION NUMBER: 60/121,852

R APPLICATION NUMBER: 60/123,944

R FILING DATE: 1999-02-26

R APPLICATION NUMBER: 60/123,945

R FILING DATE: 1999-03-12

R APPLICATION NUMBER: 60/123,946

R FILING DATE: 1999-03-12

R APPLICATION NUMBER: 60/123,948

R FILING DATE: 1999-03-12

R APPLICATION NUMBER: 60/123,948

R FILING DATE: 1999-03-12

R APPLICATION NUMBER: 60/123,946

R FILING DATE: 1999-03-12

R APPLICATION NUMBER: 60/123,946

R FILING DATE: 1999-03-12

R FILING DATE: 1999-03-12
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R FILING DATE: 1999-03-12
R APPLICATION NUMBER: 60/152,524
R FILING DATE: 1999-09-03
R APPLICATION NUMBER: 60/151,114
R FILING DATE: 1999-08-27
R APPLICATION NUMBER: 60/108,029
R FILING DATE: 1998-11-12
R APPLICATION NUMBER: 60/136,436
R FILING DATE: 1999-05-28
R APPLICATION NUMBER: 60/136,436
R FILING DATE: 1999-05-28
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APPLICATION NUMBER: 60/136,567
FILING DATE: 1999-05-28
APPLICATION NUMBER: 60/137,127
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                               Sequence 20, Application US/09876252 Publication No. US20030018182A1 GENERAL INFORMATION:
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NUMBER: 60/
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Lehmann-Bruinsma
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Lowitz, Kevin P.
Lin, I-Lin
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PPLICATION NUMBER: 6
TLING DATE: 1999-05-
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.7e-144;
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US-10-272-983-18

i Sequence 18, Application US/10272983

i Publication No. US20030148450A1

i GENERAL INFORMATION:

i APPLICANT: Chen, Ruoping

APPLICANT: Liaw, Chen W.

PRICANT: Lin, I-Lin

TITLE OF INVERTION: Human Orphan G Protein Coupring FILE REFERENCE: ARENOSO

CURRENT FILING DATE: 1999-10-12

PRIOR APPLICATION NUMBER: 60/109,213

PRIOR FILING DATE: 1999-02-16

PRIOR FILING DATE: 1999-02-26

PRIOR FILING DATE: 1999-03-12

PRIOR FILING DATE: 1999-03-12
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Pred. No. 2.7e
0; Mismatches
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PRIOR APPLICATION NUMBER: 60/157,281
PRIOR FILING DATE: 1999-10-01
PRIOR APPLICATION NUMBER: 60/157,282
PRIOR FILING DATE: 1999-10-01
PRIOR APPLICATION NUMBER: 60/156,633
PRIOR FILING DATE: 1999-09-29
NUMBER OF SEQ ID NOS: 146
SOFTWARE: Patentin version 3.0
SEQ ID NO 20
LENGTH: 333
TYPE: PRT
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Best Local Similarity 99.7%;
Matches 332; Conservative
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; ORGANISM: Homo sapiens
US-09-876-252-20
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Pred. No. 2.7e-144;
0; Mismatches 1;
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Sequence 18, Application US/10393807
Publication No. US20030175891A1
GENERAL INFORMATION:
APPLICANT: Chen, Ruoping
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lin, I-Lin
TITLE OF INVENTION: Human Orphan G Protein Courners Tring Date: US/050
CURRENT APPLICATION NUMBER: US/09/417,044
PRIOR APPLICATION NUMBER: US/09/417,044
PRIOR FILING DATE: 1999-10-12
PRIOR FILING DATE: 1999-10-12
PRIOR FILING DATE: 1999-10-12
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-03-12
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PRIOR FILING DATE: 1999-05-28

PRIOR APPLICATION NUMBER: 60/136,567

PRIOR FILING DATE: 1999-05-28

Remaining Prior Application data removinumber OF SEQ ID NOS: 74

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 18

LENGTH: 333
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R APPLICATION NUMBER: 60/136,437

R FILING DATE: 1999-05-28

R APPLICATION NUMBER: 60/136,439

R FILING DATE: 1999-05-28

R APPLICATION NUMBER: 60/136,567
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Best Local Similarity 99.7%;
Matches 332; Conservative
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; ORGANISM: Homo sapiens
US-10-272-983-18
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Query Match
Best Local Similarity 99.7%;
Matches 332; Conservative
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ENGTH: 333
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APPLICANT: EISHINGDRELO, Haifeng
APPLICANT: KUNZWEILER, Theresa
APPLICANT: WEISSENSEE, Paul
APPLICANT: WEISSENSEE, Paul
APPLICANT: CAI, Jidon
APPLICANT: CAI, Jidon
APPLICANT: CAI, Jidon
APPLICANT: CAI, Jidon
TITLE OF INVENTION: A NOVEL G PROTEIN-COUPLED PURINERGIC RECEPTOR, G;
FILE REFERENCE: USAV2002/0014 USNP
CURRENT APPLICATION NUMBER: US(0/371,131
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-11-08
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.2
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Pred. No. 2.7e-144;
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Pred. No. 2.7e-144;
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Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 333
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Publication No. US20030215878A1
GENERAL INFORMATION:
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il Similarity 99.7%;
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332; Conservative
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US-10-393-807-18
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US-10-408-572-2
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APPLICANT: Chen, Ruoping
APPLICANT: Chen, Chen W.
APPLICANT: Lowitz, Kevin
APPLICANT: Chalmers, Derek T.
APPLICANT: Chalmers, Dominic P.
TITLE OF INVENTION: Constitutively Activated Human G P
TITLE OF INVENTION: Receptors
FILE REFERENCE: 7.US28.CON
CURRENT APPLICATION NUMBER: 09/416,760
PRIOR PLING DATE: 1999-10-12
PRIOR FILING DATE: 1998-10-12
PRIOR FILING DATE: 1998-10-12
PRIOR FILING DATE: 1998-10-13
PRIOR PLING DATE: 1998-10-13
PRIOR PLING DATE: 1998-10-13
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
PRIOR PLING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
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Pred. No. 2.7e-144;
0; Mismatches 1;
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GLKWHQMVNNICQFIFWTVFILMLVFYVVIAKKVYDSYRKSKSKDRKNNKKLEGKVFVVV 240
         AVFFVCFAPFHFARVPYTHSQTNNKTDCRLQNQLFIAKETTLFLAATNICMDPLIYIFLC 300
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US-10-343-650A-78

US-10-343-650A-78

Sequence 78, Application US/10343650A

Publication No. US20040067499A1

GENERAL INFORMATION:

TITLE OF INVENTION: NOVEL G-PROTEIN COUPLED RECEPTOR

FILE REFERENCE: 31671-186347

CURRENT APPLICATION NUMBER: US/10/343,650A

CURRENT FILING DATE: 2003-07-21

PRIOR APPLICATION NUMBER: JP 2000/237818

PRIOR FILING DATE: 2000-08-04

PRIOR FILING DATE: 2001-02-13

NUMBER OF SEQ ID NOS: 694

SOFTWARE: Patentin Ver. 2.1

LENGTH: 333
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Pred. No. 2.7e-144;
); Mismatches 1;
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Best Local Similarity 99.7%;
Matches 332; Conservative
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ORGANISM: Homo sapiens
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